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ABSTRACT

The Virginia Community College System (VCCS) conducted a study of Fall 1994 city and county population penetration rates, or the percentages of residents served by VCCS colleges. The penetration rate was determined by examining headcount as a percentage of the total population based on 1990 and 1995 projections developed by the Virginia Employment Commission. The study revealed that, overall, the penetration rate decreased from 1.99 in Fall 1992 to 1.89 in Fall 1994. Systemwide, per capita enrollment remained close to national figures as a whole, and continued to be among the highest reported by the Southern Regional Education Board states. Rates for individual counties ranged from a low of .23 for Charles City county to a high of 16.73 for Falls Church city. Finally, at the service region level, eight colleges had higher rates in Fall 1994 than in Fall 1992. Data tables provide the population for service area counties/cities, Fall 1994 headcount, and penetration rates for the following VCCS colleges: (1) Blue Ridge; (2) Central Virginia; (3) Dabney S. Lancaster; (4) Danville; (5) Eastern Shore; (6) Germanna; (7) J. Sargeant Reynolds; (8) John Tyler; (9) Lord Fairfax; (10) Mountain Empire; (11) New River; (12) Northern Virginia; (13) Patrick Henry; (14) Paul D. Camp; (15) Piedmont Virginia; (16) Rappahannock; (17) Southside Virginia; (18) Southwest Virginia; (19) Thomas Nelson; (20) Tidewater; (21) Virginia Highlands; (22) Virginia Western; and (23) Wytheville. (KP)

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VIRGINIA COMMUNITY COLLEGE SYSTEM

Research Report Series

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Population Penetration Rates By City and County Fall Term 1994

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VIRGINIA COMMUNITY COLLEGE SYSTEM
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Population Penetration Rates
By City and County
Fall Term
1994

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Director of Research
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The percentage of Viriginia's population served by community colleges decreased this past fall to 1.89. The percentage for Fall 1992 was 1.99. System-wide, per capita enrollment remains close to the rate for the nation as a whole and continues to be among the highest rates reported by SREB states.

Percentages for individual cities/counties range from a low of .23 for Charles City county to a high of 16.73 for Falls Church city. At the service region level, eight colleges had higher rates than in Fall 1992.

In the tables, total population is based on 1990 and 1995 projections developed by the State Data Center, Virginia Employment Commission(June,1993). Fall headcount(mid-term) is limited to within service region enrollments. For the VCCS summary, headcount includes all in-state students. Penetration is headcount as a percentage of the total population.

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=BLUE RIDGE

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
AUGUSTA COUNTY	56,097	925	1.65
HARRISONBURG CITY	32,057	305	0.95
HIGHLAND COUNTY	2,538	4	0.16
ROCKINGHAM COUNTY	59,335	619	1.04
STAUNTON CITY	24,522	334	1.36
WAYNESBORO CITY	18,691	242	1.29
REGION	193,240	2,429	1.26

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=CENTRAL VIRGINIA

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
AMHERST COUNTY	28,792	549	1.91
APPOMATTOX COUNTY	12,588	244	1.94
BEDFORD CITY	6,095	66	1.08
BEDFORD COUNTY	49,491	596	1.20
CAMPBELL COUNTY	48,109	951	1.98
LYNCHBURG CITY	66,191	1,259	1.90
REGION	211,266	3,665	1.73

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=D. S. LANCASTER

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ALLEGHANY COUNTY		12,881	364	2.83
BATH COUNTY		4,677	101	2.16
BOTETOURT COUNTY	S	12,800	70	0.55
BUENA VISTA CITY		6,320	106	1.68
CLIFTON FORGE CITY		4,525	110	2.43
COVINGTON CITY		6,704	139	2.07
LEXINGTON CITY		6,978	60	0.86
ROCKBRIDGE COUNTY		18,536	284	1.53
REGION		73,421	1,234	1.68

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=DANVILLE

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
DANVILLE CITY		52,828	1,093	2.07
HALIFAX COUNTY	S	14,323	595	4.15
PITTSYLVANIA COUNTY		55,596	1,315	2.37
SOUTH BOSTON CITY	S	3,522	125	3.55
REGION		126,269	3,128	2.48

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=EASTERN SHORE

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ACCOMACK COUNTY	31,991	437	1.37
NORTHAMPTON COUNTY	12,830	204	1.59
REGION	44,821	641	1.43

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=GERMANNA

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
CAROLINE COUNTY	S	9,872	36	0.36
CULPEPER COUNTY		30,420	318	1.05
FREDERICKSBURG CITY		19,620	369	1.88
KING GEORGE COUNTY	S	7,270	64	0.88
MADISON COUNTY		12,711	74	0.58
ORANGE COUNTY		22,644	223	0.98
SPOTSYLVANIA COUNTY		65,024	829	1.27
STAFFORD COUNTY		70,486	483	0.69
REGION		238,047	2,396	1.01

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=J S. REYNOLDS

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
GOOCHLAND COUNTY		15,364	339	2.21
HANOVER COUNTY		69,318	1,181	1.70
HENRICO COUNTY		230,059	3,237	1.41
LOUISA COUNTY	S	10,627	66	0.62
POWHATAN COUNTY		16,666	198	1.19
RICHMOND CITY	S	132,707	2,422	1.83
REGION		474,741	7,443	1.57

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=JOHN TYLER

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
AMELIA COUNTY		9,074	110	1.21
CHARLES CITY COUNTY		6,206	14	0.23
CHESTERFIELD COUNTY		232,458	2,857	1.23
COLONIAL HEIGHTS CITY		15,921	247	1.55
DINWIDDIE COUNTY		22,557	162	0.72
HOPEWELL CITY		22,987	276	1.20
PETERSBURG CITY		36,400	314	0.86
PRINCE GEORGE COUNTY		28,179	216	0.77
RICHMOND CITY	S	66,254	570	0.86
SURRY COUNTY		6,251	24	0.38
SUSSEX COUNTY		10,052	39	0.39
REGION		456,339	4,829	1.06

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=LORD FAIRFAX

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
CLARKE COUNTY	12,877	161	1.25
FAUQUIER COUNTY	54,449	262	0.48
FREDERICK COUNTY	49,861	977	1.96
PAGE COUNTY	22,499	97	0.43
RAPPAHANNOCK COUNTY	6,900	71	1.03
SHENANDOAH COUNTY	33,023	461	1.40
WARREN COUNTY	28,131	439	1.56
WINCHESTER CITY	22,834	345	1.51
REGION	230,574	2,813	1.22

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=MOUNTAIN EMPIRE

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
DICKENSON COUNTY	S	8,560	295	3.45
LEE COUNTY		24,247	584	2.41
NORTON CITY		4,121	131	3.18
SCOTT COUNTY		22,858	425	1.86
WISE COUNTY		38,827	1,231	3.17
REGION		98,613	2,666	2.70

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=NEW RIVER

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
FLOYD COUNTY	12,167	147	1.21
GILES COUNTY	16,266	271	1.67
MONTGOMERY COUNTY	76,245	1,046	1.37
PULASKI COUNTY	34,377	700	2.04
RADFORD CITY	16,458	442	2.69
REGION	155,513	2,606	1.68

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=NORTHERN VA.

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ALEXANDRIA CITY	115,533	4,238	3.67
ARLINGTON COUNTY	174,593	3,242	1.86
FAIRFAX CITY	19,935	771	3.87
FAIRFAX COUNTY	884,563	14,560	1.65
FALLS CHURCH CITY	9,792	1,638	16.73
LOUDOUN COUNTY	96,857	1,985	2.05
MANASSAS CITY	31,255	399	1.28
MANASSAS PARK CITY	7,523	115	1.53
PRINCE WILLIAM COUNTY	241,076	5,439	2.26
REGION	1,581,127	32,387	2.05

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=PATRICK HENRY

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
FRANKLIN COUNTY	S	20,501	265	1.29
HENRY COUNTY		56,808	1,296	2.28
MARTINSVILLE CITY		15,808	360	2.28
PATRICK COUNTY		17,486	289	1.65
REGION		110,603	2,210	2.00

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=PAUL D CAMP

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
FRANKLIN CITY		7,997	282	3.53
ISLE OF WIGHT COUNTY		27,275	195	0.71
SOUTHAMPTON COUNTY		17,408	355	2.04
SUFFOLK CITY	S	27,575	586	2.13
REGION		80,255	1,418	1.77

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=PIEDMONT VA.

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ALBEMARLE COUNTY		72,642	1,403	1.93
BUCKINGHAM COUNTY	S	6,541	79	1.21
CHARLOTTESVILLE CITY		40,615	863	2.12
FLUVANNA COUNTY		13,279	282	2.12
GREENE COUNTY		11,447	263	2.30
LOUISA COUNTY	S	10,627	182	1.71
NELSON COUNTY		12,992	175	1.35
REGION		168,143	3,247	1.93

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=RAPPAHANNOCK

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
CAROLINE COUNTY	S	9,872	31	0.31
ESSEX COUNTY		8,735	82	0.94
GLOUCESTER COUNTY		33,782	332	0.98
KING AND QUEEN COUNTY		6,455	57	0.88
KING GEORGE COUNTY	S	7,270	178	2.45
KING WILLIAM COUNTY		11,639	107	0.92
LANCASTER COUNTY		11,222	116	1.03
MATHEWS COUNTY		8,524	87	1.02
MIDDLESEX COUNTY		8,961	183	2.04
NEW KENT COUNTY		11,327	29	0.26
NORTHUMBERLAND COUNTY		10,866	120	1.10
RICHMOND COUNTY		7,395	210	2.84
WESTMORELAND COUNTY		15,857	210	1.32
REGION		151,905	1,742	1.15

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=SOUTHSIDE VA.

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BRUNSWICK COUNTY		16,102	480	2.98
BUCKINGHAM COUNTY	S	6,541	133	2.03
CHARLOTTE COUNTY		11,569	361	3.12
CUMBERLAND COUNTY		7,958	112	1.41
EMPORIA CITY		5,325	89	1.67
GREENSVILLE COUNTY		9,352	367	3.92
HALIFAX COUNTY	S	14,323	300	2.09
LUNENBURG COUNTY		11,256	290	2.58
MECKLENBURG COUNTY		29,138	672	2.31
NOTTOWAY COUNTY		15,078	337	2.24
PRINCE EDWARD COUNTY		17,594	360	2.05
SOUTH BOSTON CITY	S	3,522	60	1.70
REGION		147,758	3,561	2.41

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=SOUTHWEST VA.

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BUCHANAN COUNTY		29,994	1,414	4.71
DICKENSON COUNTY	S	8,560	290	3.39
RUSSELL COUNTY		27,902	809	2.90
TAZEWELL COUNTY		44,730	1,613	3.61
REGION		111,186	4,126	3.71

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=THOMAS NELSON

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
HAMPTON CITY	137,212	2,374	1.73
JAMES CITY COUNTY	38,782	313	0.81
NEWPORT NEWS CITY	176,909	2,664	1.51
POQUOSON CITY	11,773	194	1.65
WILLIAMSBURG CITY	11,954	125	1.05
YORK COUNTY	45,327	690	1.52
REGION	421,957	6,360	1.51

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=TIDEWATER

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
CHESAPEAKE CITY		167,150	3,452	2.07
NORFOLK CITY		259,137	2,197	0.85
PORTSMOUTH CITY		103,521	1,550	1.50
SUFFOLK CITY	S	27,575	446	1.62
VIRGINIA BEACH CITY		430,159	7,771	1.81
REGION		987,542	15,416	1.56

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=VA. HIGHLANDS

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BRISTOL CITY		18,205	279	1.53
SMYTH COUNTY	S	16,431	399	2.43
WASHINGTON COUNTY		45,696	1,000	2.19
REGION		80,332	1,678	2.09

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=VIRGINIA WESTERN

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BOTETOURT COUNTY	S	12,800	443	3.46
CRAIG COUNTY		4,553	54	1.19
FRANKLIN COUNTY	S	20,501	594	2.90
ROANOKE CITY		95,203	1,931	2.03
ROANOKE COUNTY		81,064	1,770	2.18
SALEM CITY		23,612	575	2.44
REGION		237,733	5,367	2.26

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=WYTHEVILLE

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BLAND COUNTY		6,550	191	2.92
CARROLL COUNTY		26,402	455	1.72
GALAX CITY		6,734	181	2.69
GRAYSON COUNTY		16,178	320	1.98
SMYTH COUNTY	S	16,431	466	2.84
WYTHE COUNTY		25,439	644	2.53
REGION		97,734	2,257	2.31

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1994

COLLEGE=VCCS

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
VCCS	6,479,119	122,219	1.89